

November 16, 2004  
Case No.. GP-302119 (2760/59)  
Serial No.. 10/083,718  
Filed: February 26, 2002  
Page 7 of 9

-- REMARKS --

Claim 40 has been amended to correct a typographical error, and not to avoid any reference.

Claims 21-40 were rejected under 35 U.S.C. §102(e) as anticipated by United States Patent 6,326,922B1 to Hegendoerfer.

The §102(e) rejection of claims 21-40 is traversed. In order to maintain this §102(e) rejection, each and every element of the rejected claims must be disclosed in at least as great detail as claimed by the reference. Because *Hegendoerfer* does not disclose "wherein the driven element is separate and distinct from the at least one parasitic element" as recited in independent claims 21 and 34, the rejection is misplaced and should be withdrawn.

*Hegendoerfer* fails to teach or suggest "wherein the driven element is separate and distinct from the at least one parasitic element" as recited in independent claims 21 and 34. In particular, *Hegendoerfer* teaches the drive element 122 is part of a one-piece multi-element construction including driven element 122 and a combination 118 of a reflector and low-noise amplifier as evidenced by the common cross-hatching through elements 118 and 122 shown in FIG. 4, and fails to teach or suggest drive element 122 as being separate and distinct from the reflector. According to *Hegendoerfer*, the "reflector and LNA combination 118 are in turn connected to the radiator 122." See, column 4, lines 7-9. Indeed, FIG. 4 includes a structure 116 (#116 is not specifically described in the specification of *Hegendoerfer*) that connects LNA combination 118 and the radiator 122.

However, in an effort to expedite prosecution, and not to avoid any reference, Applicant has amended claims 21 and 34 to include a limitation that the Yagi-Uda dipole array includes a reflector, the reflector disposed on one side of a dipole, and the at least one parasitic element disposed on the other side of the dipole. As this element is not disclosed by any of the prior art, the invention claimed in claims 21 and 34 is not anticipated.

November 16, 2004  
Case No.: GP-302119 (2760/59)  
Serial No.: 10/083,718  
Filed: February 26, 2002  
Page 8 of 9

Withdrawal of the rejections to claims 21 and 34, as well as claims 22-33 and 35-40 depending therefrom, is requested.

New claims 41-44, support for which is found on at least page 4 of the specification, include elements that are not disclosed or taught by the prior art. Furthermore, claims 41-42 and 43-44 depend from claims 21 or 34 respectively, and are therefore patentable over the prior art for at least this reason.

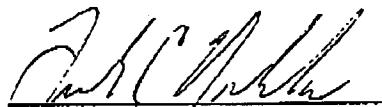
November 16, 2004  
Case No.: GP-302119 (2760/59)  
Serial No.: 10/083,718  
Filed: February 26, 2002  
Page 9 of 9

**SUMMARY**

Examiner Chen's rejections of claims 21-40 have been obviated by the remarks herein. The Applicant respectfully submits that claims 21-44 as added herein fully satisfy the requirements of 35 U.S.C. §§ 102, 103 and 112. In view of the foregoing, favorable consideration and early passage to issue of the present application is respectfully requested. If any points remain in issue that may best be resolved through a personal or telephonic interview, Examiner Chen is respectfully requested to contact the undersigned at the telephone number listed below.

Dated: November 16, 2004

Respectfully submitted,  
MAZEN K. ALSLIETY



Frank C. Nicholas  
Registration No. 33,983  
Attorney for Applicant

CARDINAL LAW GROUP  
Suite 2000  
1603 Orrington Avenue  
Evanston, Illinois 60201  
Phone: (847) 905-7111  
Fax: (847) 905-7113